

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2004-079421
 (43)Date of publication of application : 11.03.2004

(51)Int.Cl.

H05B 33/14
 H05B 33/22
 H05B 33/24

(21)Application number : 2002-240751

(22)Date of filing : 21.08.2002

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(54) ORGANIC EL ELEMENT

(57)Abstract:

PROBLEM TO BE SOLVED: To provide an organic EL element with an optical model inside an element established and of a good efficiency and excellent in white-color chromaticity, in one equipped with a top face light-taking-out structure obtaining a white color emission from two or more luminous layers not hitherto considered.

SOLUTION: The organic EL element equipped with a kind of luminous layers 5, 6 having at least one luminous peak obtaining a taking-out light from a top face contrary to a substrate 1 has, in addition to the substrate 1, a reflective layer 2 having a visible light reflectance of not less than 50%, a positive electrode 2, organic layers 4, 5, 6, 7 having luminous layers, and a transparent electrode 9 that is a negative electrode in turn on the substrate 1. A total film thickness of the luminous layer from an intermediate point to a lower end face of the positive electrode is 45 nm to 160 nm, and a total film thickness of the luminous layer from the intermediate point to an upper end face of the negative electrode is 120 nm to 290 nm.

